

TECHNICAL DATASHEET



GPSS

SN033GPQM

Properties	Test Condition	Typical Value Unit	Test Method
Tensile Strength	50 mm/min	48 MPa	ISO 527
Tensile Elongation	50 mm/min	2 %	ISO 527
Flexural Strength	2 mm/min	75 MPa	ISO 178
Flexural Modulus	2 mm/min	3.1 GPa	ISO 178
Izod Impact Strength	4mm/23°C	4 kJ/m ²	ISO 180
Charpy Notched Impact Strength	4mm/23°C	2.7 kJ/m ²	ISO 179
Melt Flow Index	200°C, 5kg	8 cm ³ /10min	ISO 1133
	220°C, 10kg	— cm ³ /10min	
Density	23°C	1.04 g/cm ³	ISO 1183
Vicat Softening Temp.	10N, 50°C/hr	90 °C	ISO 306
Heat Distortion Temp.	1.8MPa annealed	87 °C	ISO 75-2
	1.8MPa unannealed	76 °C	
Flammability	—	1.5mm HB —	File No.E194560/ UL&C-UL

Product Packaging

25kgs Bag/FIBC